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GOVERNOR



HAROLD LEGGETT, Ph.D.
SECRETARY

State of Louisiana
DEPARTMENT OF ENVIRONMENTAL QUALITY
ENVIRONMENTAL SERVICES
FEB 23 2009

Certified Mail# 7007 0220 0000 2959 3211

FILE NUMBER: LA0122017
AI NUMBER: 128670
PER NUMBER: PER20080001

Total Environmental Solution, Inc
Delmar Estates-South
P.O. Box 14056
Baton Rouge, LA 70898

Attention: Ms. Dana Hart

Subject: Draft Major Modification Louisiana Pollutant Discharge Elimination System (LPDES) permit
LA0122017 effective June 1, 2006, for the Del Mar Estates-South Subdivision

Dear Ms. Hart:

Your request received on July 25, 2008, regarding the modification of LPDES permit LA0122017 has been evaluated. The draft modification(s) are as follows:

The permittee requested that the permit be modified to reflect the addition of the sewage treatment plant from Del Mar Estates- West. The current permit for Del Mar Estates –West will be cancelled upon issuance of this modification. In addition to the increased flow from the facility, two internal outfalls will be added to the permit for monitoring.

Attached is the draft revision to the Effluent Limitations page (pages 2,3 and 4 of 4, Part I) for Outfall 101, 102 and 001, and the revised Title Page for the requested modification. Please note that this is a DRAFT MODIFICATION only. Authorization to change your discharge will be granted only upon the receipt of an approved modification from this Office. All other conditions of the permit shall continue unchanged and remain valid until the expiration date of the permit.

Upon issuance of this permit, Del-MarEstates-West, LA0122254 will be terminated in its entirety.

This Office will publish a public notice one time in the local newspaper of general circulation, and in the Department of Environmental Quality Public Notice Mailing List. A copy of the public notice containing the specific requirements for commenting to this draft permit modification action will be sent under separate cover at the time the public notice is arranged. In accordance with LAC 33:IX.6521.A, the applicant shall receive and is responsible for paying the invoice(s) from the newspaper(s). LAC 33:IX.6521 states, "... The costs of publication shall be borne by the applicant."

Total Environmental Solutions, Inc
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Page Two

The invoice, fee rating sheets, and a copy of the fee regulations will be sent under a separate cover letter as applicable. We must receive your fee payment by check, money order, or draft accompanied by the original and a copy of your invoice. A copy of the entire Louisiana Water Quality Regulations (Volume 14) may be obtained from the LDEQ Office of Environmental Assessment, Post Office Box 4314, Baton Rouge, Louisiana 70821-4314, (225) 219-3236.

Should you have any questions concerning any part of the DRAFT MODIFICATION, public notice requirements, or fees, please contact Ms. Rachel Davis, Office of Environmental Services, at the address on the preceding page or telephone (225) 219-3081. Please reference your Agency Interest Number, A1 128670, and your Louisiana Pollutant Discharge Elimination System Number, LA0122017, on all future correspondence to the Department.

Sincerely,



Tom Killeen, Environmental Scientist Manager
Municipal and General Water Permits Section

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Attachments (revised pages of permit, statement of basis, and fee sheet):

cc: Ms. Rachel Davis
Water Permits Division

IO-W

cc: Ms. Gayle Denino
Office of Management & Finance

Permit Compliance Unit
Office of Environmental Compliance

For Public Notice
Public Participation Group
Office of Environmental Assistance

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PERMIT NO: LA0122017
AGENCY INTEREST NO: 128670
ACTIVITY NO:
PER20080001

OFFICE OF ENVIRONMENTAL SERVICES
Water Discharge Permit

Pursuant to the Clean Water Act, as amended (33 U.S.C. 1251 et seq.), and the Louisiana Environmental Quality Act, as amended (La. R. S. 30:2001 et seq.), rules and regulations effective or promulgated under the authority of said Acts, and in reliance on statements and representations heretofore made in the application, a Louisiana Pollutant Discharge Elimination System permit is issued authorizing

Total Environmental Solutions, Inc
Del Mar-South
P.O. Box 14056
Baton Rouge, LA 70898

Type Facility: existing privately owned treatment works serving the Del Mar-Estates Subdivision
Location: at 400 Chevalier Blvd in Lafayette, Lafayette Parish
Receiving Waters: an unnamed ditch, thence into Arrowhead Coulee, thence into the Vermillion River

to discharge in accordance with effluent limitations, monitoring requirements, and other conditions set forth in Parts I, II, and III.

This permit and authorization to discharge were effective on June 1, 2006, and shall expire five (5) years from the effective date of the permit.

This permit has not been previously modified.

This permit modification shall become effective on

Issued on

Cheryl Sonnier Nolan
Assistant Secretary

DRAFT

PART I**Modified Page 2 of 4****Draft LA0122017; AI 128670****PER20070001****EFFLUENT LIMITATIONS AND MONITORING REQUIREMENTS****FINAL EFFLUENT LIMITATIONS AND MONITORING REQUIREMENTS**

During the period beginning the effective date of the modification and lasting through the expiration date of the permit the permittee is authorized to discharge from:

Internal Outfall 101, treated sanitary wastewater serving the Delmar Estates West (estimated flow is 0.03 MGD)

Such discharges shall be limited and monitored by the permittee as specified below:

<u>Effluent Characteristic</u>	<u>Storet Code</u>	<u>Discharge Limitations</u>				<u>Monitoring Requirements</u>	
		(lbs/day)		other units (specify)		<u>Measurement Frequency</u>	<u>Sample Type</u>
		<u>Monthly Avg.</u>	<u>Weekly Avg.</u>	<u>Monthly Avg.</u>	<u>Daily Max.</u>		
Flow-MGD	50050	Report	Report	---	---	1/week	Measure
CBOD ₅	80082						
May-December ¹		---	---	10 mg/l	15 mg/l	2/month	Grab
January-April ²		---	---	20 mg/l	30 mg/l	2/month	Grab
TSS	00530						
May-December ¹		---	---	15 mg/l	23 mg/l	2/month	Grab
January-April ²		---	---	20 mg/l	30 mg/l	2/month	Grab
Ammonia-Nitrogen	00610						
May-December ¹		---	---	5 mg/l	10 mg/l	2/month	Grab
January-April ²		---	---	10 mg/l	20 mg/l	2/month	Grab
Fecal Coliform							
colonies/100ml ²	74055	---	---	200	400	2/month	Grab
pH (Standard Units) ³	00400	---	---	---	---	2/month	Grab

¹ These effluent characteristics are required to be monitored for the period of May through December

² These effluent characteristics are required to be monitored for the period of January through April

³ The pH shall not be less than 6.0 standard units nor greater than 9.0 standard units. The permittee shall report on the Discharge Monitoring Reports both the minimum and maximum instantaneous pH values measured.

There shall be no discharge of floating solids or visible foam in other than trace amounts.

Samples taken in compliance with the monitoring requirements specified above shall be taken at the following location:

Outfall 101, at the point of discharge from the last treatment unit prior to mixing with other waters.

PART I**Modified Page 3 of 4****Draft LA0122017; AI 128670****PER20080001****EFFLUENT LIMITATIONS AND MONITORING REQUIREMENTS****FINAL EFFLUENT LIMITATIONS AND MONITORING REQUIREMENTS**

During the period beginning the effective date of the modification and lasting through the expiration date of the permit the permittee is authorized to discharge from:

Internal Outfall 201, treated sanitary wastewater serving the Delmar Estates South (estimated flow is 0.03 MGD)

Such discharges shall be limited and monitored by the permittee as specified below:

<u>Effluent Characteristic</u>	<u>Storet Code</u>	<u>Discharge Limitations</u>				<u>Monitoring Requirements</u>	
		(lbs/day)		other units (specify)		<u>Measurement Frequency</u>	<u>Sample Type</u>
		<u>Monthly Avg.</u>	<u>Weekly Avg.</u>	<u>Monthly Avg.</u>	<u>Daily Max.</u>		
Flow-MGD	50050	Report	Report	---	---	1/week	Measure
CBOD ₅	80082						
May-December ¹		---	---	10 mg/l	15 mg/l	2/month	Grab
January-April ²		---	---	20 mg/l	30 mg/l	2/month	Grab
TSS	00530						
May-December ¹		---	---	15 mg/l	23 mg/l	2/month	Grab
January-April ²		---	---	20 mg/l	30 mg/l	2/month	Grab
Ammonia-Nitrogen	00610						
May-December ¹		---	---	5 mg/l	10 mg/l	2/month	Grab
January-April ²		---	---	10 mg/l	20 mg/l	2/month	Grab
Fecal Coliform							
colonies/100ml ²	74055	---	---	200	400	2/month	Grab
pH (Standard Units) ⁴	00400	---	---	---	---	2/month	Grab

¹ These effluent characteristics are required to be monitored for the period of May through December

² These effluent characteristics are required to be monitored for the period of January through April

³ This Dissolved Oxygen limit is the lowest allowable average of daily discharges over a calendar month. When monitoring is conducted, the Dissolved Oxygen shall be analyzed immediately, as per 40 CFR 136.3.

⁴ The pH shall not be less than 6.0 standard units nor greater than 9.0 standard units. The permittee shall report on the Discharge Monitoring Reports both the minimum and maximum instantaneous pH values measured.

There shall be no discharge of floating solids or visible foam in other than trace amounts.

Samples taken in compliance with the monitoring requirements specified above shall be taken at the following location:

Outfall 201, at the point of discharge from the last treatment unit prior to mixing with other waters.

PART I**Modified Page 4 of 4****Draft LA0122017; AI 128670****PER20080001****EFFLUENT LIMITATIONS AND MONITORING REQUIREMENTS****FINAL EFFLUENT LIMITATIONS AND MONITORING REQUIREMENTS**

During the period beginning the effective date of the modification and lasting through the expiration date of the permit the permittee is authorized to discharge from:

Outfall 001, treated sanitary wastewater (expected flow is 0.06 MGD).

Such discharges shall be limited and monitored by the permittee as specified below:

<u>Effluent Characteristic</u>		<u>Discharge Limitations</u>				<u>Monitoring Requirements</u>	
	Storet <u>Code</u>	(lbs/day) Monthly <u>Avg.</u>	Weekly <u>Avg.</u>	other units (specify) Monthly <u>Avg.</u>	Daily <u>Max.</u>	Measurement <u>Frequency</u>	Sample <u>Type</u>
Flow-MGD	50050	Report	Report	---	---	1/week	Measure
Dissolved Oxygen ¹	00300	---	---	5.0 mg/l	---	2/month	Grab

¹ This Dissolved Oxygen limit is the lowest allowable average of daily discharges over a calendar month. When monitoring is conducted, the Dissolved Oxygen shall be analyzed immediately, as per 40 CFR 136.3.

² See Part II, Section A, Paragraph 8

There shall be no discharge of floating solids or visible foam in other than trace amounts.

Samples taken in compliance with the monitoring requirements specified above shall be taken at the following location:

Outfall 001, at the point of discharge from the last treatment unit prior to mixing with other waters.